

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

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GOVERNOR

TIMOTHY P. MURRAY
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JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

12/09/2011

Kevin McCarthy
Assistant District Attorney, Suffolk County

Dear ADA McCarthy,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Daniel Renczkowski.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Ann Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski was analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan
Chemist
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6622

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- *Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.
- *Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
- *Oversee the Quality Control/Quality Assurance program for the Drug Lab.
- *Maintenance and repairs of all analytical instruments.
- *Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
- *Qualified as an expert witness in Massachusetts Courts and U.S. District Court.
- *Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
- *Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.
- *Notary Public.

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- *Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department for the Food and Drug Administration.
- *Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs).
- *Trained and supervised new chemists and interns for the department.
- *Routine QC testing of products for the FDA.
- *Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
- *Calibration, preventive maintenance, QC and QA of analytical instrumentation.
- *Complete testing of chemicals for Vendor Validation Project for the FDA.
- *Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)
GLP/GMP training with Massachusetts Biologic Laboratory.
QC/QA training according to FDA Codes and Regulations.
GC and GC/MS trainings with Agilent Technologies and Restek.
HPLC and LC/MS/MS trainings with Waters Cooperation.
FTIR training with Spectros.
TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Daniel Renczkowski

Education

Degree: Bachelors of Science in Forensic Chemistry,
May 2005 from Buffalo State College
GPA: 3.84, Dean's List, Honor's Recognition
American Chemical Society Undergraduate Award
Phi Lambda Upsilon Membership

Related Coursework:	Analytical Chemistry	Physical Chemistry
	Organic Chemistry I and II	Instrumental Chemistry
	Biochemistry	Forensics Laboratory
	Chemistry of Criminalistics	Physical Evidence
	Anatomy	Physiology

Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

Related Experience

Niagara County Forensics Laboratory

Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs



BOOK # 149

PAGE # 110

DESTRUCTION #

District/Unit B2 / DCU

Name & Rank of Arresting Officer P/O Santillana ID# 102339

To be completed by ECU personnel only

Name and Rank of Submitting Officer C. A. [Signature] ID# 9310

Received by [Signature] Date 8-10-12

ECU Control #

No. [REDACTED]

Date Analyzed:

City: Boston D.C.U. Police Dept.

11-18-10

Officer: P.O. Diana Lopez

Def: [REDACTED]

Amount: 5.0

Subst: TAB

No. Cont: 1 Cont: pb

Date Rec'd: 08/10/2010

No. Analyzed:

Gross Wt.: 4.29

Net Weight:

Tests: 128

• 2DJR

Prelim: lorazepam
C

Findings: Lorazepam

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST ASD

No. of samples tested: Evidence Wt.

PHYSICAL DESCRIPTION:

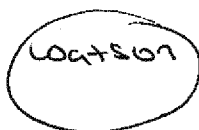
5 white round tablet
17-pb

Gross Wt ():

Gross Wt ():

Pkg. Wt:

Net Wt: 0.5917



PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Marquis

Froehde's

Mecke's

Microcrystalline Tests

Gold
Chloride

TLTA ()

OTHER TESTS

Muonomec A-1 (P)

PRELIMINARY TEST RESULTS

RESULTS lorazepam

DATE 11-9-10

GC/MS CONFIRMATORY TEST

RESULTS lorazepam

MS
OPERATOR DSR

DATE 11-18-10

Drug Information

DRUG NAME: LORAZEPAM

INGREDIENTS: LORAZEPAM -- 1 MG

Color: white

Shape: Circle

Imprint: Watson; 241; 1, Royce
Logo; 241; 1

Form: Tablet

Available-Container-Size: Bottle of
100 , Bottle of 1000 , Bottle of 500

AAPCC Code: 007000 -
Benzodiazepines

NDC: 00591-0241-10

00591-0241-05

00591-0241-01

Excipients: Polacrillin
Potassium ; Lactose ; Magnesium
Stearate ; microcrystalline cellulose

Regulatory Status: Schedule IV

Availability: United States

Product ID 4954247

Contact: Watson Laboratories

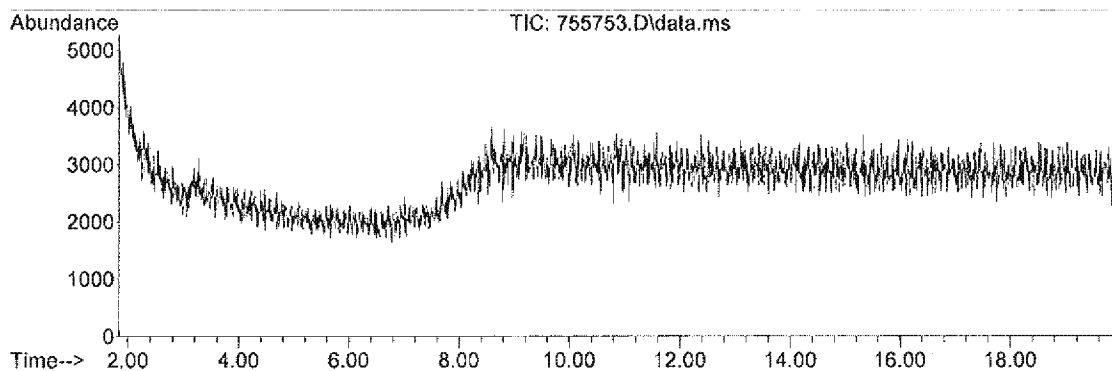


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Information from Data File:

File Name : I:\11_17_10\755753.D
Operator : ASD
Date Acquired : 18 Nov 2010 2:10
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: GENSCAN.M
Integrator : RTE

✓ DJR
11-30-11

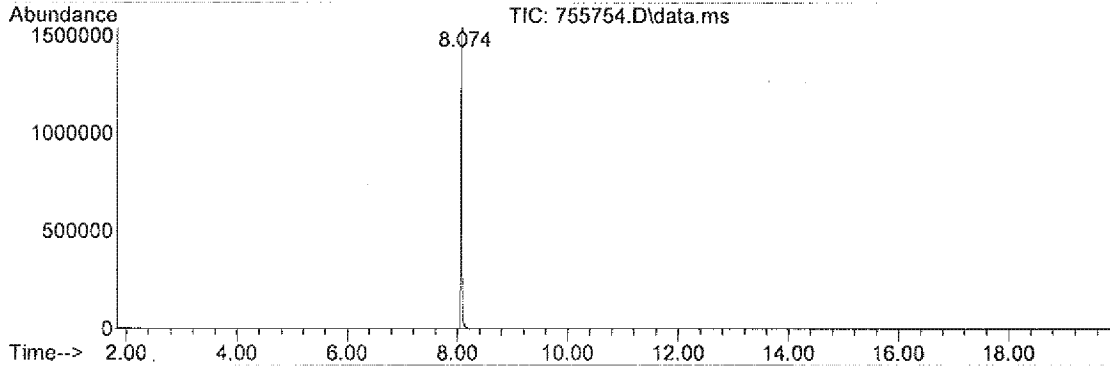


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : I:\11_17_10\755754.D
 Operator : ASD
 Date Acquired : 18 Nov 2010 6:30
 Sample Name : LORAZEPAM STD
 Submitted by : ASD
 Vial Number : 54
 AcquisitionMeth: GENSCAN.M
 Integrator : RTE



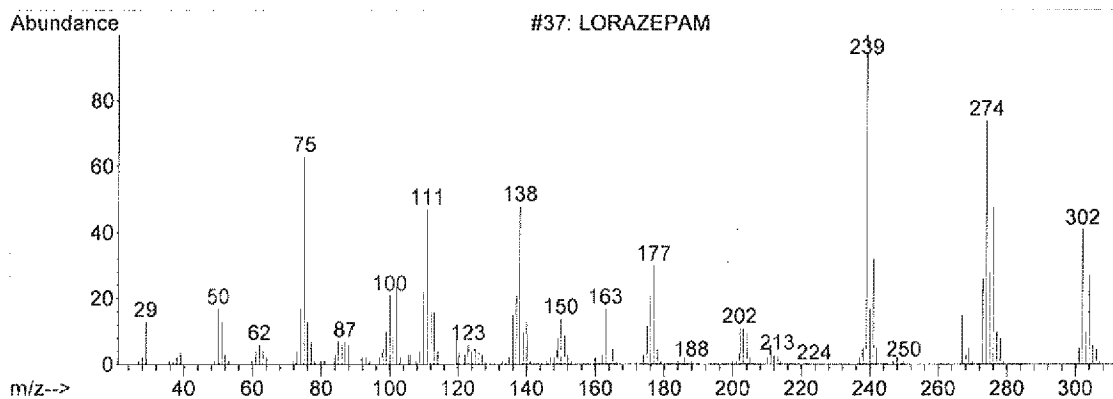
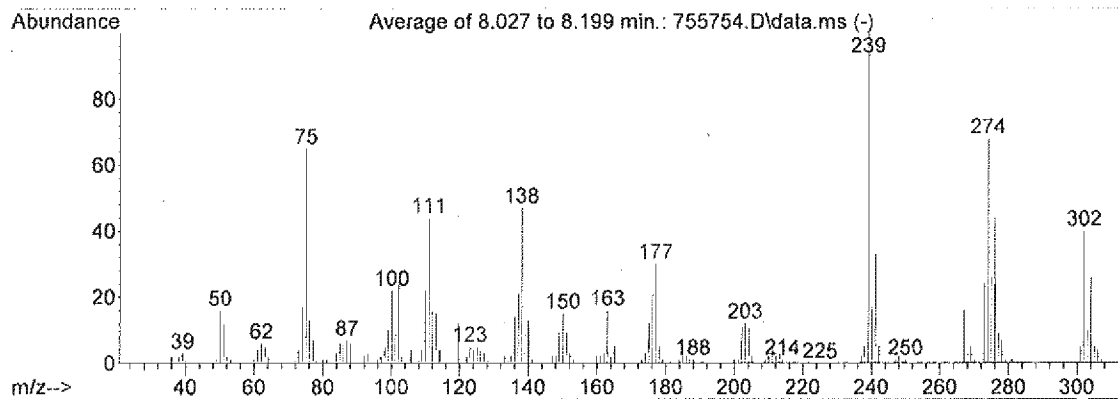
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Information from Data File:

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Sample Name : LORAZEPAM STD
Submitted by : ASD
Vial Number : 54
AcquisitionMeth: GENSCAN.M
Integrator : RTE

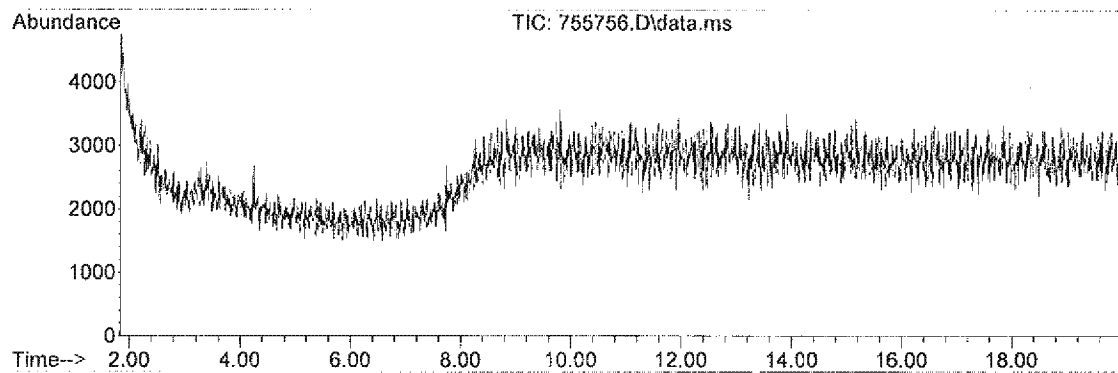
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C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	8.07	C:\Database\SLI.L LORAZEPAM	000846-49-1	95



Information from Data File:

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Date Acquired : 18 Nov 2010 7:18
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: GENSCAN.M
Integrator : RTE

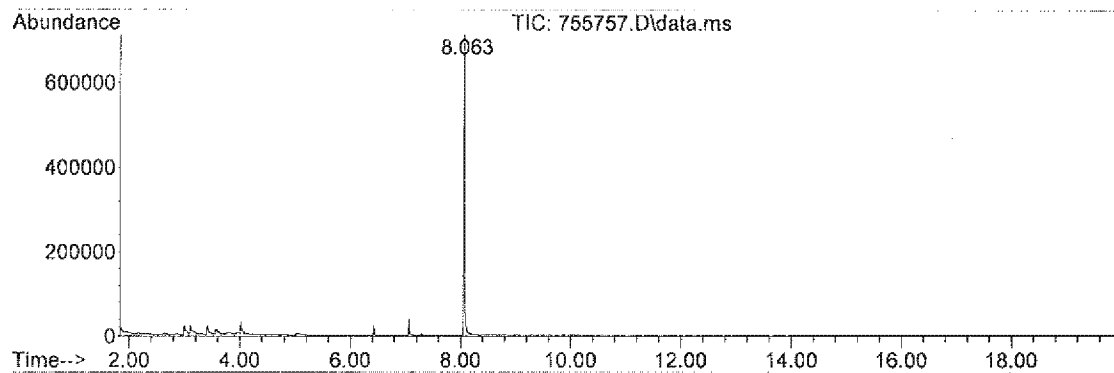


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

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File Name : I:\11_17_10\755757.D
Operator : ASD
Date Acquired : 18 Nov 2010 8:01
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 57
AcquisitionMeth: GENSCAN.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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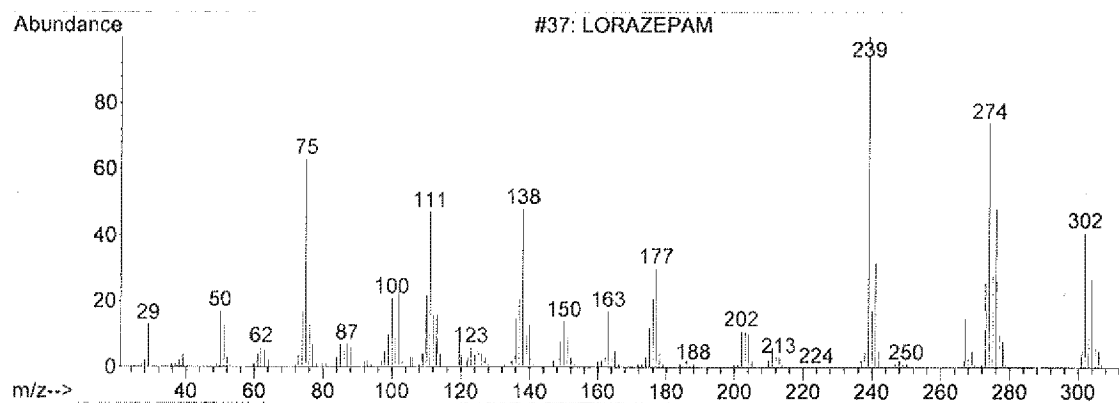
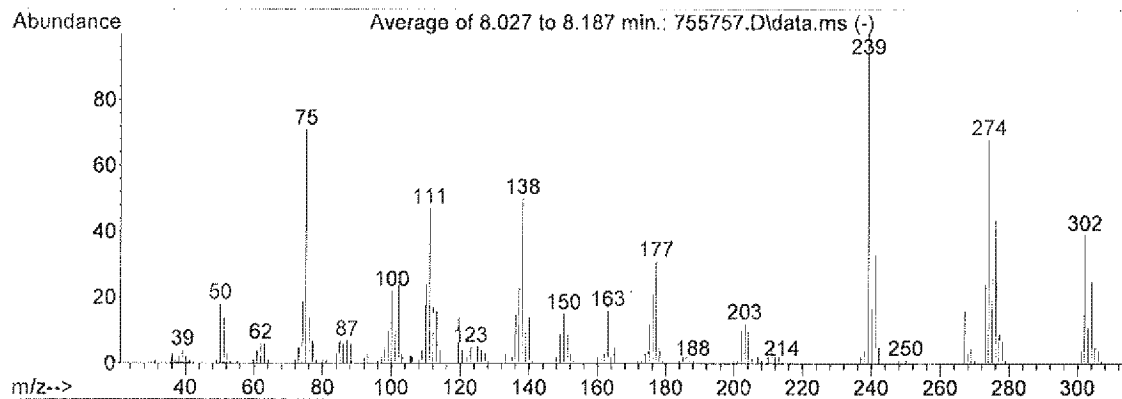
8.063	812418	100.00	100.00
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Information from Data File:

File Name : I:\11_17_10\755757.D
Operator : ASD
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Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 57
AcquisitionMeth: GENSCAN.M
Integrator : RTE

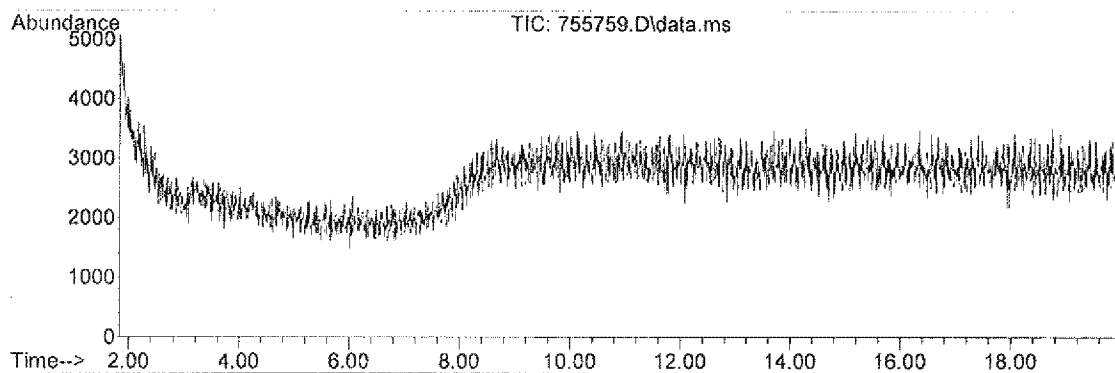
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C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	8.06	C:\Database\SLI.L LORAZEPAM	000846-49-1	95



Information from Data File:

File Name : I:\11_17_10\755759.D
Operator : ASD
Date Acquired : 18 Nov 2010 8:49
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: GENSCAN.M
Integrator : RTE

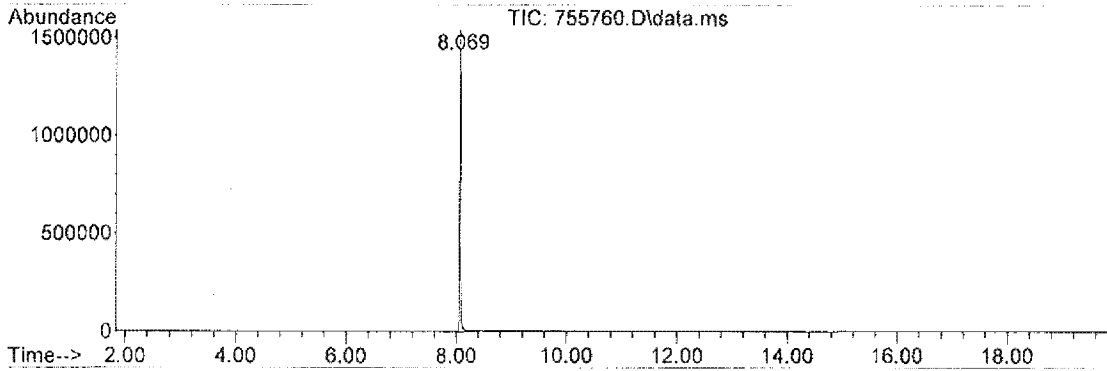


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : I:\11_17_10\755760.D
Operator : ASD
Date Acquired : 18 Nov 2010 9:13
Sample Name : LORAZEPAM STD
Submitted by :
Vial Number : 54
AcquisitionMeth: GENSCAN.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
8.069	1780952	100.00	100.00

Information from Data File:

File Name : I:\11_17_10\755760.D
Operator : ASD
Date Acquired : 18 Nov 2010 9:13
Sample Name : LORAZEPAM STD
Submitted by :
Vial Number : 54
AcquisitionMeth: GENSCAN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	8.07	C:\Database\SLI.L LORAZEPAM	000846-49-1	95

